



## User Manual and User Information Model MS-300a

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# 1. FCC Info

FCC ID: 2ADNG-MS300A

Model: MS-300a.

This device complies with part 15 and part 18 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules and consumer ISM equipment pursuant to part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the equipment being interfered with.
- Increase the separation between the MS-300a Client Device and the equipment subject to interference.
- Connect the equipment into an outlet on a circuit different from that to which the MS-300a Client Device is connected.
- Consult the dealer or an experienced radio/TV/electronics technician for help.

**CAUTION:** Changes or modifications not expressly approved by Energous may violate FCC Rules and negate your authority to operate this device.

## RF Exposure Notice

The MS-300a Client Device contains a Low Energy Bluetooth transceiver and is compliant to FCC parts 1.1310 and 2.1093 regarding RF exposure.

## 2. Intended Use

The purpose of the MS-300a is to utilize RF energy received from MS-300 charger to power or charge supported products via the Client Device's USB connector. The MS-300a can only be used in conjunction with the MS-300 charger and when authenticated by the MS-300 charger. The MS-300a Client Device contains unique receiving circuits for charging its native batteries.

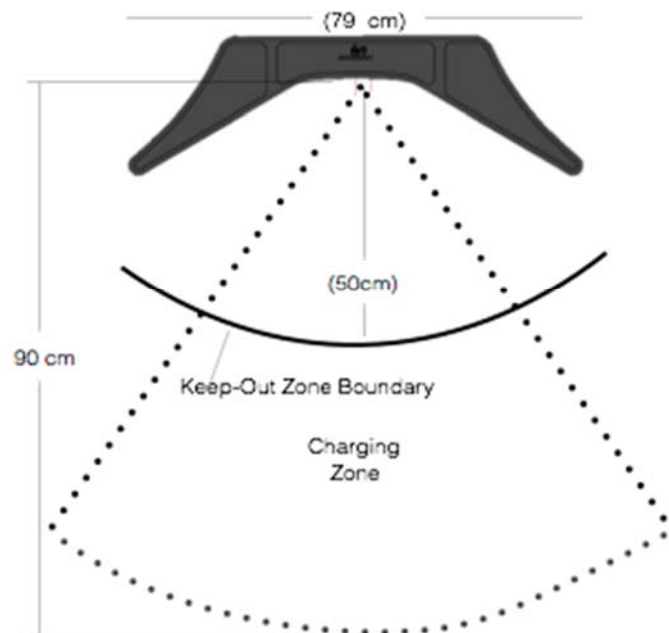
If a power transmitting source does not initiate the proper authentication protocol, the MS-300a Client Device will not respond via BLE and charging will not ensue.

Indoor operation only --not to be used in a wet area or outdoors.

## 3. User Operation

The MS-300a Client Device operates automatically and does not contain a power switch and does not require power cycling.

Place the MS-300a Client Device to be charged within the Charging Zone of the MS-300 charger. The Client Device will commence charging within a few seconds.



**Figure 1. MS-300 Charging Zone**

The orientation of the device may cause varied results for rate of charge. The optimal orientation is to stand the Client device on its long edge then place the Client Device front facing to the MS-300.

Dead Battery State: In the event of dead battery on the Client Device, the Client Device should be charged for 5 minutes via USB cable, after which WPT can be used.

## 4. Packaging contents

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